Course Codes Project— A Path Toward Equitable Access

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2017-18 End-of-Year Training

Course Codes Project—
A Path Toward Equitable Access

▶ Agenda

- General Course Code Information
- Transition Readiness: Dual Credit

- *Special Note: Rich Curriculum will not be covered today.*

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2

General Course Code Information

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Outcomes:

1. Kentucky Academic Standards (KAS) are aligned to courses.

2. Course codes reflect the alignment of standards resulting in:

   - New Course Codes

   - Discontinued Course Codes

   - Updated Course Code Descriptions

3. A searchable database for course codes and KAS is in development.

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4

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▶ In addition to the Kentucky Academic State Course Code Lists, **the following** resources were released:

- a comprehensive list of all changes,
- a list of deprecated (discontinued) courses and suggestions for replacement codes,
- course standards documents,
- guidance documents for using state course codes:
  - ○ 909999, School Defined Course
  - ○ 950001, Dual Credit Placeholder
  - ○ 960001, Credit Recovery Placeholder

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5

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▶ Resources continued:

- updated data standards for course scheduling and dual credit,
- a list of courses that will be tracked for Rich Curricula under *Opportunity and Access,*
- a list of courses that offer an End-of-Course exam,
- dual credit guidance for Transition Readiness,
- "Dual Credit Decision Making for Secondary Institutions"
- a dual credit webcast and critical facts sheet
- "Virtual Performance Based Course Set-up and Attendance Verification Guidance" document
- and a list of frequently asked questions.

6

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State course code documents and resources can be accessed on Kentucky's Uniform Academic Course Codes webpage.

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7

Accountability:
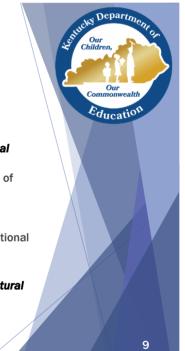# Transition Readiness

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Transition Readiness

Regulation Reminder

▸ To be considered *academic ready*, a student must:

- Score at or above the benchmark score as determined by the Council on Postsecondary Education (CPE) on the college admissions examination; or

- ***Complete six or more hours of Kentucky Department of Education-approved dual credit and receiving a course grade of B or higher in each course; or***

- Complete two or more advanced placement (AP) courses and receiving a score of three or higher on each AP assessment; or

- Receive a score of five or higher on two examinations for International Baccalaureate courses; or

- Score at or above the benchmark on two or more Cambridge Advanced International examinations; or

- Complete a combination of academic readiness indicators listed above.

**Students also may demonstrate academic readiness in quantitative reasoning or natural sciences and written or oral communication, or arts and humanities, or social and behavioral sciences learning outcomes.

9

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Transition Readiness

Regulation Reminder

▶ To be considered *career ready*, a student must:

- Score at or above the benchmark on industry certifications as approved by the Kentucky Workforce Innovation Board on an annual basis; or

- Score at or above the benchmark on the career and technical education end-of-program assessment, formally Kentucky Occupational Skill Standards Assessment (**KOSSA**) for articulated credit; or

- *Complete six or more hours of Kentucky Department of Education-approved CTE dual credit, and receiving a grade of B or higher in each course;* or

- Complete a Kentucky Department of Education-approved or labor cabinet-approved apprenticeship; or

- Complete a Kentucky Department of Education-approved alternate process to verify exceptional work experience.

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10

What is dual credit?

▶ **"Dual credit"**, <u>as defined by KRS 158.007</u>, means a college-level course of study developed in accordance with KRS 164.098 in which a high school student receives credit from both the high school and postsecondary institution in which the student is enrolled upon completion of a single class or designated program of study.

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11

What is a dual enrollment?

▶ **"Dual Enrollment"** is defined as a high school student pursuing credit from a postsecondary institution individually, without the agreement or expectation for the high school to issue credit based on completion. NOTE: Dual enrollment coursework does not count toward academic readiness under 703 KAR 5:270, Kentucky's Accountability System.

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12

Dual Credit State Course Codes

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13

Dual Credit State Course Codes

▶ All dual credit courses must be captured in the Kentucky Student Information System (KSIS).

▶ The *Dual Credit* data standard and the *Virtual Performance-based Course Set-up and Attendance Verification* document give instructions for course set up within the KSIS.

▶ Dual Credit courses counting toward *Career Readiness* under the Transition Readiness indicator must exist in a current career pathway or be approved through the pathway modification request.

▶ Dual Credit courses counting toward *Rich Curricula (RC)* under the Opportunity and Access indicator and/or *Academic Readiness (AR)* under the Transition Readiness indicator must use the appropriate general education dual credit course codes.

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14

Tracking *Academic* Readiness: Dual Credit

Complete six or more hours of Kentucky Department of Education-approved dual credit and receiving a course grade of B or higher in each course;

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15

Tracking Academic Readiness

▶ **Approved dual credit courses shall include one quantitative reasoning or natural sciences course, *and* one written or oral communication, or arts and humanities, or social and behavioral sciences course, per the CPE General Education Transfer Policy.**

- *I.e. Written Communications: ENG 101 Writing I (KCTCS)*
- *I.e. Quantitative Reasoning: MAT 150 College Algebra (KCTCS)*

▶ **Postsecondary institution partners that are classified as public institutions must adhere to the statewide course classification system, which regulates Statewide General Education SLOs, as defined and adopted through policy by the Kentucky CPE.**

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16

Tracking Academic Readiness

▶ Independent private, nonprofit, and out-of-state institutions classify courses independently. The KDE will accept independent classifications of courses that demonstrate a correlation with the Statewide General Education SLOs, as defined and adopted through policy by the Kentucky CPE.

▶ Local school districts that partner with independent private, nonprofit, and/or out-of-state postsecondary institutions are responsible for providing the documentation that demonstrates the correlation between the independent institution's student learning outcomes and the Statewide General Education SLOs, as defined and adopted through policy by the Kentucky CPE.

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17

Tracking Academic Readiness

- Statewide General Education SLOs, as defined and adopted through policy by the Kentucky CPE. They are listed in the Transition Readiness-Academic Readiness guidance document and are clearly defined in the Kentucky Statewide General Education Transfer Policy.

Example of a classification system by a college: (provided by KCTCS)

Written Communication
Diploma   TEC 200 Technical Communications
           OST 108 Editing Skills for Office Professionals
           Any Writing course approved for the AAS, AA, or AS
AAS, AA, AS, AFA
           ENG 101 Writing I.. 3
           ENG 102 Writing II... 3
           ENG 105 Writing: An Accelerated Course 3

Oral Communications
Diploma, AAS, AA, AS, AFA
           COM 181 Basic Public Speaking........................... 3
           COM 205 Business and Professional Communication ... 3
           COM 252 Intro to Interpersonal Communications ... 3
           COM 281 Communication in Small Group............. 3
           COM 287 Persuasive Speaking............................. 3

Quantitative Reasoning
Diploma
           OST 213 Business Calculations for the Office Professional ... 3
           Any mathematics course approved for the AAS, AA, or AFA
AAS   MAT 105 Business Mathematics 3
           MAT 110 Applied Mathematics 3
           MAT 116 Technical Mathematics......................... 3
           MAT 126 Technical Algebra and Trigonometry 3
           Any mathematics course listed below
AA, AFA   MAT 146 Contemporary College Mathematics 3
           PHI 250 Symbolic Logic 3
           Any mathematics course listed below
AS   MAT 150 College Algebra 3
           MAT 154 Trigonometry....................................... 2
           MAT 155 Trigonometry....................................... 3
           MAT 159 Analytic Geometry and Trigonometry....... 4
           MAT 160 Precalculus 5
           MAT 165 Finite Mathematics and its Applications ... 3
           MAT 170 Brief Calculus with Applications 3
           MAT 174 Calculus I.. 4
           MAT 175 Calculus I.. 5
           MAT 184 Calculus II 4
           MAT 185 Calculus II 5
           MAT 206 Mathematics for Elementary
              and Middle School Teachers II......................... 3
           MAT 261 Introduction to Number Theory.............. 3
           MAT 275 Calculus III 4
           MAT 285 Differential Equations 3
           STA 210 Statistics: A Force in Human Judgment...... 3
           STA 220 Statistics.. 3

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18

Tracking Academic Readiness

▸ *General Education Dual Credit courses that do <u>not</u> count for Transition Readiness or Opportunity and Access <u>CANNOT</u> utilize the new general education dual credit course codes.*

- *I.e. Physical Education Dual Credit Courses*

▸ **Courses NOT counting** must use the state code that most closely represents the content, rigor, students, and teacher certification of a given course as described in the Academic Course Code Lists posted on the <u>Kentucky Uniform Academic Course Code</u> webpage.

- *I.e. Rec 200: Introduction to Recreation-> 340219 Advanced Physical Education*

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19

General Education Dual Credit State Course Codes

Course Title	Valid Course Code	Recommended Grade Level	Recommended Credit
Dual Credit Written Communications (General Education Core)	800011	11-12	0
Dual Credit Oral Communications (General Education Core)	800015	11-12	0
Dual Credit Quantitative Reasoning (General Education Core)	800021	11-12	0
Dual Credit Arts and Humanities (General Education Core)	800031	11-12	0
Dual Credit Arts and Humanities-VPA	800032	11-12	0
Dual Credit Arts and Humanities-World Languages/Cultural Studies	800033	11-12	0
Dual Credit Natural Sciences (General Education Core)	800041	11-12	0
Dual Credit Social and Behavioral Sciences I (General Education Core)	800051	11-12	0

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20

Tracking Academic Readiness

▶ **Minimum requirements for utilizing the general education dual credit course codes that will count for *Rich Curriculum* and Academic Readiness:**

▶ Each approved dual credit course shall award three (3) course credit hours or higher in each course. *Students must complete six (6) or more hours of dual credit coursework and receive a grade of B or higher in each course to be deemed "Academic Ready."*

▶ "First Year Experience (FYE)" courses such as *Introduction to College*, and Developmental Courses will not count as approved dual credit courses for Kentucky's Accountability System.

▶ Approved dual credit work must be captured in Kentucky Student Information System (KSIS) utilizing the appropriate corresponding course code and naming processes as addressed in the Dual Credit data standard.

● Thus, courses completed outside of the regular school day can count toward Academic Readiness but must be captured in KSIS scheduling in addition to on the student's high school transcript.

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21

General Education Dual Credit State Course Codes

▶ **What is the difference in the three Arts and Humanities course codes?**

▶ 800031 Dual Credit *Arts and Humanities*

▶ 800032 Dual Credit *Arts and Humanities-VPA*

▶ 800033 Dual Credit *Arts and Humanities-World Languages/Cultural Studies*

All three can be used for Transition Readiness

- 800031 will <u>*not*</u> be tracked for Rich Curriculum under Opportunity and Access

- 800032 can be tracked for Rich Curriculum in the area of Visual and Performing Arts. Districts use this code once determination is made by the local school district for how the dual credit course is being counted on the high school transcript as a Visual and Performing Arts credit. Use the "Rich Curriculum Course Codes" document on the Kentucky Uniform Academic Course Codes web page to determine whether a course will count.

- 800033 can be tracked for Rich Curriculum in the area of World Language/Cultural Studies. Districts use this code once determination is made by the local school district for how the dual credit course is being counted on the high school transcript as a WL/CS credit. Use the "Rich Curriculum Course Codes" document on the Kentucky Uniform Academic Course Codes web page to determine whether a course will count.

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RICH CURRICULUM IS STILL UNDER DEVELOPMENT.

22

Tracking *Career* Readiness

Complete six or more hours of Kentucky Department of Education-approved CTE dual credit and receiving a course grade of B or higher in each course;

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23

Tracking Career Readiness

APPROVED CTE DUAL CREDIT CRITERIA
1. Must be taken within a single KDE-approved secondary CTE program area in which the student is enrolled
2. Must align to secondary CTE course standards

▸ An approved CTE dual credit course is one in which the student is enrolled that is within his or her CTE program area.

▸ A KDE-approved secondary CTE program area is a broader classification of CTE curricula that includes all of those career pathways under its purview which have been approved by the KDE and are reported in the Technical Education Database System (TEDS).

▸ KDE-approved secondary program areas include: Agriculture, Business & Marketing, Construction Technology, Education & Training, Engineering & Technology, Family & Consumer Sciences, Health Science, Information Technology, Manufacturing Technology, Media Arts, and Transportation.

24

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Tracking Career Readiness

▸ An approved CTE dual credit course also is one that meets the respective secondary CTE course standards for which it is being substituted.

▸ Dual credit courses that meet the Statewide General Education Student Learning Objectives (SLOs) identified by the CPE or demonstrate a correlation to the SLOs as identified by an independent, private, nonprofit, or out-of-state institution, and meet the approved CTE Dual Credit criteria will therefore meet the requirements for both Academic Readiness and Career Readiness indicators under the KDE Accountability System.

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25

Career Pathway

CTE-ENGINEERING HYBRID CAREER PATHWAYS 2017-2018	
DESIGN ENGINEERING CIP 15.1304.00	

PATHWAY DESCRIPTION: This pathway provides the opportunity to blend Career and Technical Education (CTE) courses with Engineering courses to help students apply technical skills along with science, technology, engineering, and math (STEM) skills to solve real-world problems. Design Engineers have a working knowledge of mechanical parts as well as computer-aided design (CAD) software, such as AutoCAD, Autodesk Inventor, or Solidworks. Mechanical designers begin a project by meeting with project managers, engineers, and clients to understand the needs and requirements for a new product or mechanical system. For example, designers working on a project to create an automobile engine may consult engineers regarding which structural materials to use or clients regarding engine efficiency requirements. Once materials and specifications have been determined, designers begin using CAD software to plan and develop models.
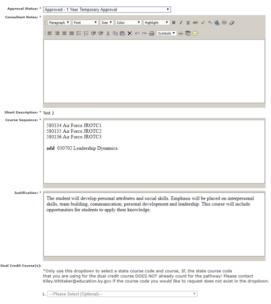
BEST PRACTICE COURSES	EXAMPLE ILP-RELATED CAREER TITLES
Complete (2) TWO CREDITS: • 210221 Fundamentals of Engineering Design **OR** 219901 Introduction to Engineering Design (PLTW) • 210222 Engineering Design **OR** 219902 Principles of Engineering (PLTW) *Choose* (3) THREE CREDITS *from the following*: • 480110 Introduction to Computer Aided Drafting • 480113 Engineering Graphics • 480135 Mechanical Design • 480136 Parametric Modeling	Engineer Technician Electrical Engineer Industrial Engineer Mechanical Engineer Civil Engineer Note: 480110, 480113, 480135, and 480136 exist in the Computer Aided Design Technology Program of Study. Note: 210221, 219901, 210222, and 219902 exist in the Engineering Program of Study. Note: **(PLTW)** courses require an agreement between Project Lead The Way and the Local School District.

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26

Career Pathway Modification

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Dual Credit Placeholder State Code

UPDATED!

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28

Dual Credit Placeholder State Code

▸ The state course code 950001 may be used **only as a dual credit course placeholder within the standard day schedule of Infinite Campus to alleviate schedule gaps.**

▸ State course code 950001 may be used when a student is registered for (a) dual credit course(s) that is offered by the participating postsecondary institution **online or by an instructor not employed by the local school district.** The student may take courses online or attend classes on a college/university's campus. The difficulty level for the dual credit placeholder course should be left blank.

▸ Once verification of enrollment has taken place by the high school and the postsecondary institution partner, the dual credit placeholder code can be used for scheduling students during the standard day.

▸ Attendance should be marked if the student is present in the school building while completing the coursework and under the supervision of a certified teacher (e.g.. a student who is completing an online dual credit course and remains in the school's computer lab under the supervision of a certified teacher.)   Attendance should be left unmarked if the student is taking the course where attendance is not taken by a certified teacher for each class meeting. See Virtual Performance-Based Course set-up and Attendance Verification.

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29

Dual Credit Placeholder State Code

▶ When using the dual credit placeholder code, the actual dual credit course that the student is taking must be set up with the appropriate name and course code as directed by the <u>Dual Credit data standard</u> outside of the standard day and marked as performance based.

▶ The dual credit placeholder code course should remain in place *throughout the semester or year.* The corresponding dual credit courses must be scheduled by October 1 for the fall semester and by March 1 for the spring semester and marked performance-based.

▶ **The state course code 950001 will not be pulled for the Transition Readiness indicator for Kentucky's Accountability System or for KHEAA's dual credit scholarship. Only courses defined per the <u>Dual Credit data standard</u> with appropriate names and course codes will be reported for Transition Readiness and KHEAA's dual credit scholarship.**

▶ Grades should not be assigned to the dual credit placeholder code.

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30

Dual Credit Data Standard

UPDATED!

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31

Dual Credit Data Standard

▶ **NEW:**

- Dual credit placeholder course code added for the 2018-19 school year

- Replaced all general education dual credit course codes for the 2018-19 school year

- *Updated naming convention for dual credit*

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32

Dual Credit Data Standard

▶ Name should be the postsecondary course short name followed by course number.

▶ AAAA NNNN format (include a space (no dashes or underscores) between the Abbreviation and Number).

▶ NCAA has requested that the first 9-digits must be followed by the College

  ● For example: "BIOL 113 WKU".

     ✓ Do not include any part of the school abbreviation in the first 9-digits of the name.

     ✓ Each dual credit course should be set up as a separate course in Infinite Campus.

     ✓ Each participating postsecondary institution defines the course short name and number.

     ✓ Please refer to each institution's undergraduate catalog when naming a dual credit course.

     ✓ Any additional text may be added to the name after the College or University's abbreviation.

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33

Dual Credit Data Standard

▶ **Difficulty Level: This should be marked as DC: Dual Credit.**

▶ **This is required for KEES and for the Dual Credit Scholarship (DCS) Program.**

▶ **The only exception to this rule is for those mixed courses where you have dual credit and non-dual credit students in the same course (see Section B in the data standard.)**

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34

Dual Credit Data Standard

▶ SPECIAL NOTE:

- Schools must create separate courses with different state codes when a teacher is delivering content for solely high school credit and dual credit during the same period when the course is being tracked for Academic Readiness under the Transition Readiness Indicator and Rich Curricula for Visual and Performing Arts and Cultural/World Studies under Opportunity and Access.

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35